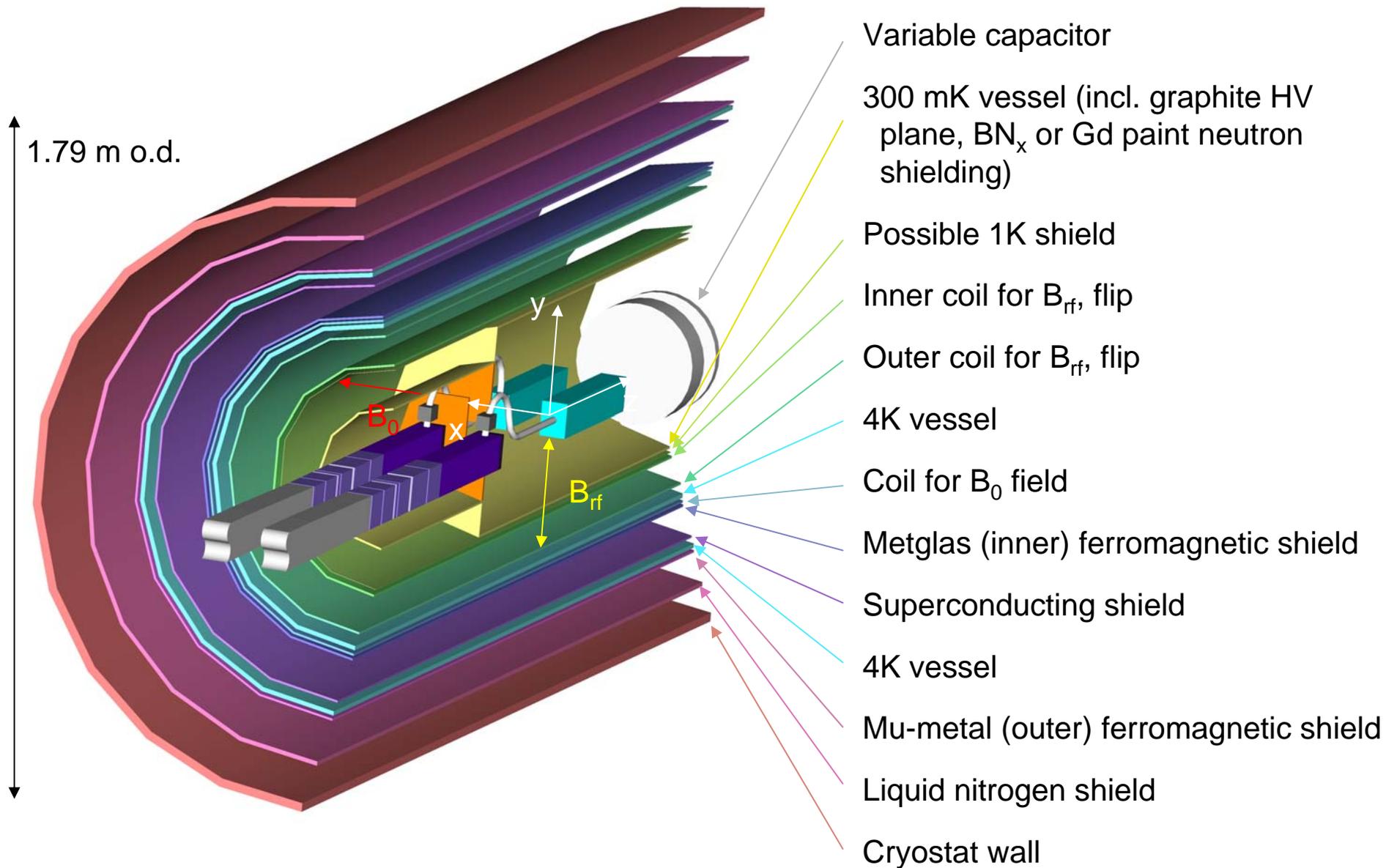


# nEDM Cryostat Layout F

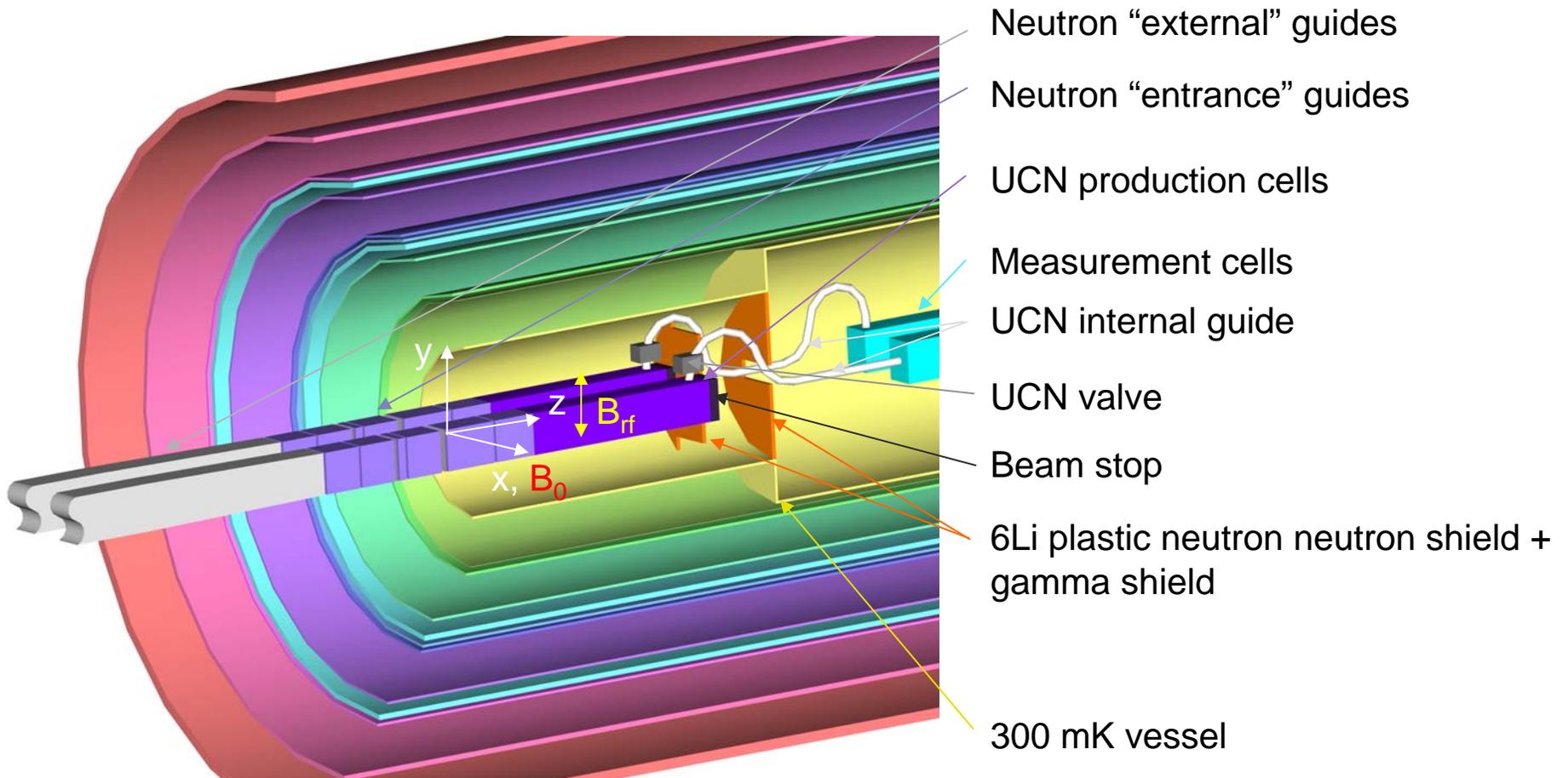
D. Beck  
26 Apr 04



# nEDM Cryostat Layout F

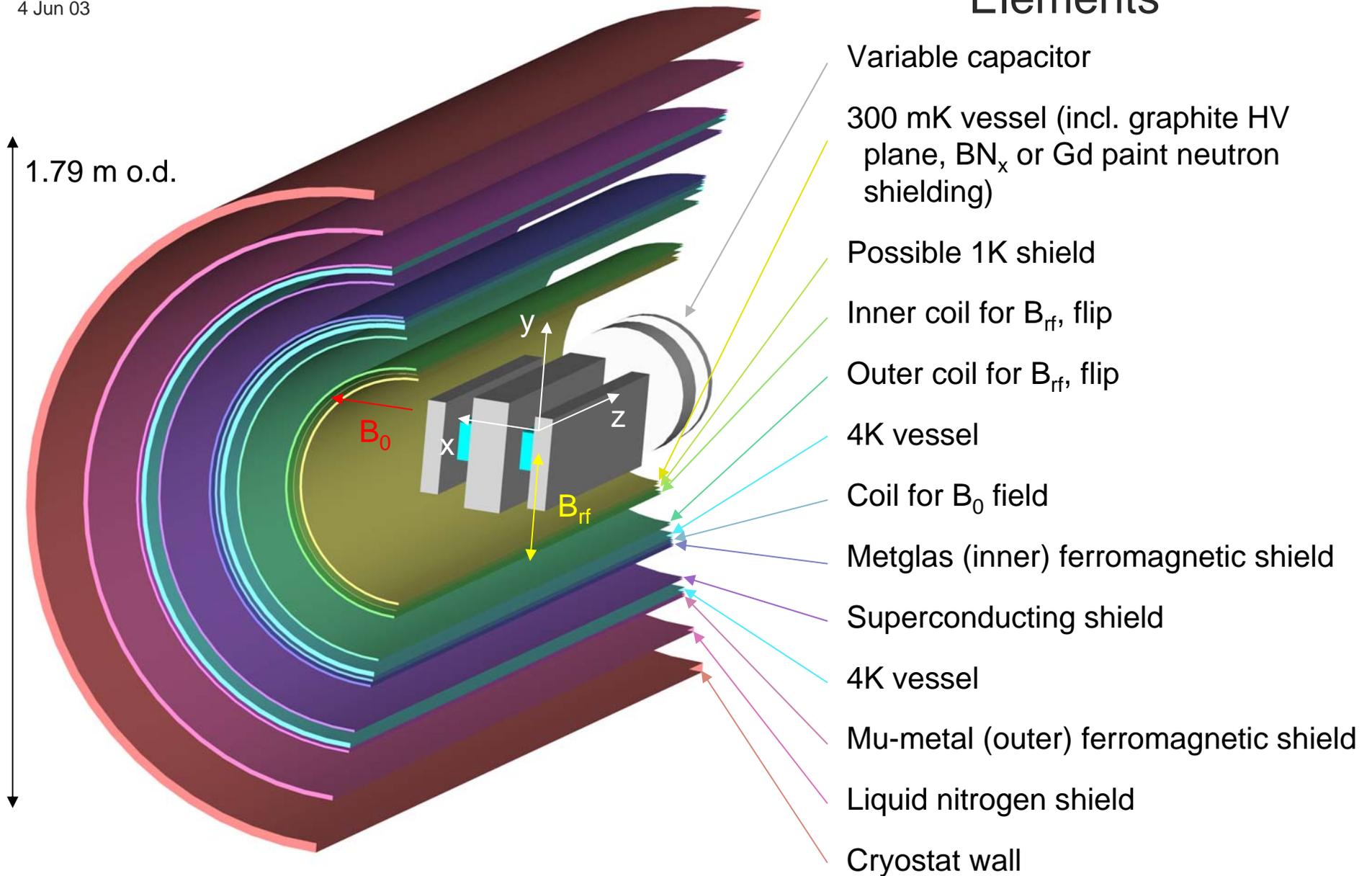
D. Beck  
26 Apr 04

## Elements



# nEDM Cryostat Layout E

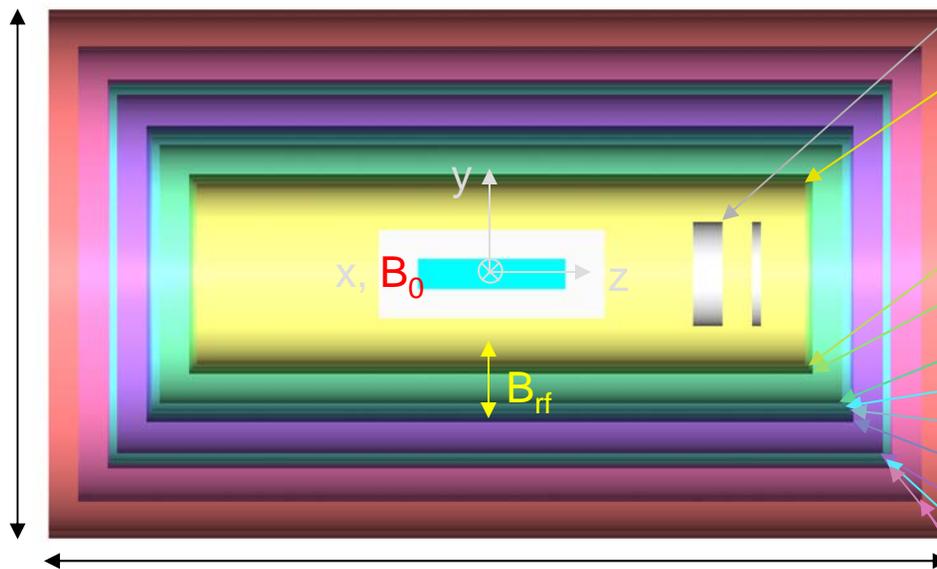
D. Beck  
4 Jun 03



# nEDM Cryostat Layout E

D. Beck  
4 Jun 03

1.79 m o.d.



3.06 m long

## Elements

Variable capacitor

300 mK vessel (incl. graphite HV plane,  $\text{BN}_x$  or Gd paint neutron shielding)

Possible 1K shield

Inner coil for  $B_{rf}$ , flip

Outer coil for  $B_{rf}$ , flip

4K vessel

Coil for  $B_0$  field

Metglas (inner) ferromagnetic shield

Superconducting shield

4K vessel

Mu-metal (outer) ferromagnetic shield

Liquid nitrogen shield

Cryostat wall